Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) In a wireless communication system supporting a broadcast service, a method comprising:

transmitting a broadcast session on a broadcast transmission channel; and

transmitting broadcast overhead information for the broadcast session in-band with the broadcast session on the broadcast transmission channel, wherein the broadcast overhead information provides information including physical channel parameters to a receiver for processing the received broadcast session on the received broadcast channel.

2.   (Original) The method as in claim 1, wherein the broadcast overhead information is a session description protocol message containing information for processing the broadcast session, and wherein the session description protocol message is interleaved with broadcast content of the broadcast session.

3.   (Currently Amended) A method of transmitting a communication signal on a carrier wave, the signal comprising:

transmitting a broadcast session portion; and

transmitting a session description protocol message (SDP message) for the broadcast session portion in-band with the broadcast session portion, wherein the SDP provides information including physical channel parameters to a receiver for processing the received broadcast session portion.

4.   (Previously Presented) The method as in claim 3, wherein the signal is transmitted via a broadcast transmission channel.

5.   (Currently Amended) In a wireless communication system supporting a broadcast service, a method comprising:

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receiving a session description protocol (SDP) message for a broadcast session in-band corresponding to the broadcast session on the a broadcast channel, wherein the SDP message provides information including physical channel parameters to a receiver for processing the received broadcast session on the received broadcast channel;

accessing a the broadcast session on the a broadcast channel; and

processing the received broadcast session using the SDP message.

6. (Original) The method as in claim 5, wherein the SDP message is interleaved with broadcast content of the broadcast session.

7. (Currently Amended Previously Presented) A wireless apparatus, comprising:

means for receiving a broadcast service parameter message corresponding to a broadcast session;

means for receiving an SDP message for a broadcast session in-band corresponding to the broadcast session in a broadcast stream, wherein the SDP message provides information including physical channel parameters to a receiver for processing the received broadcast session on the received broadcast stream; and

means for processing the received broadcast session using the SDP.

8. (Original) The apparatus as in claim 7, further comprising:

means for receiving header compression information.

9. (Previously Presented) The apparatus as in claim 7, further comprising:

memory storage to store the SDP corresponding to a plurality of broadcast sessions, wherein the SDP of each of the plurality of broadcast sessions is updated when the corresponding broadcast session is accessed.

10. (Original) The apparatus as in claim 9, wherein the memory storage is a cache memory.

11. (Original) The apparatus as in claim 9, wherein the memory storage is a look up table.

12.   (Currently Amended) A method for indicating broadcast session protocol, comprising:

multiplexing an information identifying a broadcast session protocol for a broadcast session in-band with a content of the broadcast session to provide a broadcast stream; and

transmitting the broadcast stream on a broadcast transmission channel, wherein the information identifying the broadcast session protocol provides information including physical channel parameters to a receiver for processing the received broadcast session on the received broadcast channel.

13.   (Previously Presented) The method as claimed in claim 12, wherein the multiplexing a broadcast session protocol with a content of the broadcast session comprises:

multiplexing a broadcast session protocol with a content of the broadcast session at the content server.

14.   (Previously Presented) The method as claimed in claim 12, wherein the multiplexing an information identifying a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically.

15.   (Previously Presented) The method as claimed in claim 14, wherein the multiplexing the information identifying a broadcast session protocol with a content of the broadcast session periodically comprises:

multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically with a frequency of multiplexing a short-term encryption key.

16.   (Previously Presented) The method as claimed in claim 12, the multiplexing an information identifying a protocol description of a broadcast session with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing a broadcast session description protocol with a content of the broadcast session to provide a broadcast stream in accordance with a bandwidth condition.

17.   (Previously Presented) The method as claimed in claim 16, wherein the multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

        multiplexing a broadcast session protocol with a content of the broadcast session when the broadcast content bandwidth is low.

18.   (Previously Presented) The method as claimed in claim 12, wherein the multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

        multiplexing a broadcast session description identifier with a content of the broadcast session to provide a broadcast stream.

19.   (Currently Amended) A method indicating broadcast session protocol, comprising:

        receiving a broadcast stream;

        determining an information for a broadcast session received in-band with the broadcast stream, the information including physical channel parameters in the broadcast stream identifying a broadcast session protocol in accordance with the received broadcast stream; and

        processing the received broadcast session on the received broadcast stream in accordance with the determined information if a receiving station contains the broadcast session protocol.

20.   (Previously Presented) The method as claimed in claim 19, wherein the processing the broadcast stream in accordance with the determined information if a receiving station contains the broadcast session protocol comprises:

        retrieving the broadcast session protocol from a storage media at the receiving station; and

        processing the broadcast stream in accordance with the retrieved broadcast session protocol.

21.   (Previously Presented) The method as claimed in claim 19, further comprising:

        retrieving the broadcast session protocol from a content server if the receiving station does not contain the broadcast session protocol; and

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processing the broadcast stream in accordance with the retrieved broadcast session protocol.

22.   (Previously Presented) The method as claimed in claim 19, wherein the determining an information identifying a broadcast session protocol in accordance with the received broadcast stream comprises:

determining a broadcast session description identifier of a broadcast session in accordance with the received broadcast stream.

23.   (Currently Amended) A method for indicating broadcast session protocol, comprising:

multiplexing an information identifying a broadcast session protocol for a broadcast session in-band with a content of the broadcast session to provide a broadcast stream; and

providing the broadcast stream for transmission, wherein the information identifying the broadcast session protocol provides information including physical channel parameters to a receiver for processing the received broadcast session on the received broadcast stream.

24.   (Previously Presented) The method as claimed in claim 23, wherein the multiplexing a broadcast session protocol with a content of the broadcast session comprises:

multiplexing a broadcast session protocol with a content of the broadcast session at a content server.

25.   (Previously Presented) The method as claimed in claim 23, wherein the multiplexing an information identifying a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically.

26.   (Previously Presented) The method as claimed in claim 25, wherein the multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically comprises:

multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically with a frequency of multiplexing a short-term encryption key.

27.　(Previously Presented)　The method as claimed in claim 23, the multiplexing an information identifying a protocol description of a broadcast session with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing a broadcast session description protocol with a content of the broadcast session to provide a broadcast stream in accordance with a bandwidth condition.

28.　(Previously Presented)　The method as claimed in claim 27, wherein the multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing a broadcast session protocol with a content of the broadcast session when the broadcast content bandwidth is low.

29.　(Previously Presented)　The method as claimed in claim 23, wherein the multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing a broadcast session description identifier with a content of the broadcast session to provide a broadcast stream.

30.　(Original)　The method as claimed in claim 29, wherein multiplexing a broadcast session description identifier with a content of the broadcast session to provide a broadcast stream comprises:

forming an information element comprising the broadcast session description identifier; and

multiplexing the information element with a content of the broadcast session to provide a broadcast stream.

31.　(Previously Presented)　The method as claimed in claim 23, wherein the providing the broadcast stream for transmission comprises:

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assigning each unit of the broadcast stream a sequence number.

32.   (Original) The method as claimed in claim 31, further comprising:

delivering each of the units through a media not guaranteeing in-sequence delivery; and

re-ordering the delivered units in accordance with the sequence numbers.

33.   (Previously Presented) The method as claimed in claim 23, wherein the providing the broadcast stream for transmission comprises:

establishing a generic routing encapsulation tunnel through a media not guaranteeing in-sequence delivery.

34.   (Currently Amended) A method for indicating a broadcast session protocol, comprising:

receiving a broadcast stream;

determining an information element <u>for a broadcast session is</u> received in-band with the <u>received</u> broadcast stream, the information element including physical channel parameters in the <u>received</u> broadcast stream <u>for the received broadcast session</u>; and

processing the <u>received</u> broadcast stream in accordance with the determined information element.

35.   (Previously Presented) The method as claimed in claim 34, wherein the determining the information element comprises determining a broadcast session protocol, and wherein the processing the broadcast stream in accordance with the determined information element comprises processing the broadcast stream in accordance with the broadcast session protocol.

36.   (Previously Presented) The method as claimed in claim 34, wherein the determining the information element comprises determining a broadcast session description identifier, and wherein the processing the broadcast stream in accordance with the determined information element comprises:

processing the broadcast stream in accordance with a broadcast session protocol corresponding to the broadcast session description identifier.

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37. (Previously Presented) The method as claimed in claim 36, wherein the processing the broadcast stream in accordance with a broadcast session protocol further comprises:

requesting the broadcast session protocol from a content server if a receiving station does not contain the broadcast session protocol.

38. (Original) The method as claimed in claim 37, further comprising:

retrieving the broadcast session protocol from a storage media at the receiving station if the receiving station contains the broadcast session protocol.

39. (Currently Amended) A method for indicating broadcast session protocol, comprising:

multiplexing an information for a broadcast session in-band with a broadcast stream, the information including physical channel parameters for a receiver for processing a broadcast session transmission channel with a content of a the broadcast session to produce the broadcast stream; and

transmitting the broadcast stream on the a broadcast transmission channel.

40. (Previously Presented) The method as claimed in claim 39, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing a broadcast session protocol with a content of a broadcast session before the broadcast session protocol change; and

multiplexing information identifying a broadcast session protocol with a content of the broadcast session after the broadcast session protocol change.

41. (Previously Presented) The method as claimed in claim 39, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session to produce a broadcast stream at the content server.

42.   (Previously Presented) The method as claimed in claim 39, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session periodically.

43.   (Previously Presented) The method as claimed in claim 42, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session periodically comprises:

multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session with a frequency of multiplexing a short-term encryption key.

44.   (Previously Presented) The method as claimed in claim 39, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session in accordance with bandwidth condition.

45.   (Previously Presented) The method as claimed in claim 44, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session in accordance with bandwidth condition comprises:

multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session when the broadcast content bandwidth is low.

46.   (Previously Presented) The method as claimed in claim 39, wherein the multiplexing an information for a receiver for processing a broadcast session with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing a broadcast session description identifier with a content of the broadcast session.

47.   (Currently Amended) A method indicating broadcast protocol options, comprising:

receiving a broadcast stream;

determining an information for a broadcast session received in-band with the broadcast stream, the information including physical channel parameters to a receiver in the broadcast stream for processing a the received broadcast session; and

processing the received broadcast stream in accordance with the determined information for the received broadcast session.

48. (Previously Presented) The method as claimed in claim 47, wherein the processing the broadcast stream in accordance with the determined information comprises:

processing the broadcast stream in accordance with the determined information if the determined information comprises the broadcast session protocol.

49. (Previously Presented) The method as claimed in claim 47, wherein the processing the broadcast stream in accordance with the determined information comprises:

processing the broadcast stream in accordance with the determined information if the determined information comprises the broadcast session description identifier and a receiving station contains the broadcast session protocol.

50. (Previously Presented) The method as claimed in claim 49, wherein the processing the broadcast session in accordance with the determined information if a receiving station contains the broadcast session protocol comprises:

retrieving the broadcast session protocol from a storage media at the receiving station; and

processing the broadcast session in accordance with the retrieved broadcast session protocol.

51. (Previously Presented) The method as claimed in claim 49, further comprising:

retrieving the broadcast session protocol from a content server if the determined information comprises the broadcast session description identifier and the receiving station does not contain the broadcast session protocol; and

processing the broadcast session in accordance with the retrieved information.

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